

To: Moriarty, Thomas[Moriarty.Thomas@epa.gov]; Grable, Melissa[Grable.Melissa@epa.gov]; Motilall, Christina[Motilall.Christina@epa.gov]; Snyderman, Steven[Snyderman.Steven@epa.gov]; Jakob, Avivah[Jakob.Avivah@epa.gov]
Cc: Anderson, Neil[Anderson.Neil@epa.gov]; Sherman, Kelly[Sherman.Kelly@epa.gov]
From: Jones, Ricardo
Sent: Tue 5/17/2016 1:19:39 PM
Subject: FW: Feedback to Clothianidin colony feeding study question- Supers addition

Ex. 5 - Deliberative Process

Ricardo

From: Sappington, Keith
Sent: Tuesday, May 17, 2016 7:11 AM
To: Jones, Ricardo <Jones.Ricardo@epa.gov>; Wagman, Michael <Wagman.Michael@epa.gov>
Cc: Wait, Monica <Wait.Monica@epa.gov>; Garber, Kristina <Garber.Kristina@epa.gov>; Mroz, Ryan <Mroz.Ryan@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>; Housenger, Justin <Housenger.Justin@epa.gov>; Hartless, Christine <Hartless.Christine@epa.gov>; Farruggia, Frank <Farruggia.Frank@epa.gov>; Shamim, Mah <Shamim.Mah@epa.gov>
Subject: RE: Feedback to Clothianidin colony feeding study question- Supers addition

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Keith

From: Jones, Ricardo
Sent: Monday, May 16, 2016 5:09 PM
To: Wagman, Michael <Wagman.Michael@epa.gov>
Cc: Wait, Monica <Wait.Monica@epa.gov>; Sappington, Keith <Sappington.Keith@epa.gov>; Garber, Kristina <Garber.Kristina@epa.gov>; Mroz, Ryan <Mroz.Ryan@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>
Subject: FW: Feedback to Clothianidin colony feeding study question- Supers addition

Michael,

Please see below the response to the question on digital photography.

From: Allen Olmstead [<mailto:allen.olmstead@bayer.com>]
Sent: Monday, May 16, 2016 10:05 AM
To: Shen, Sue
Subject: RE: Feedback to Clothianidin colony feeding study question- Supers addition

Sue,

The short answer is that none of the data in the final report is digital CCA data. It is all visual observation data.

However, at CCA1, on May 20th, 20 hives were assessed digitally. These were divided into two groups of ten each.

One group was only assessed by digital photography. These hives had dead bee traps associated with them so that they could be compared to hives for which visual observations were done. None of these hives were used as study hives since there was no visual observations performed on these hives. Rather they were used in the pool of potential hives for use as monitoring hives.

The second group of hives were assessed by digital photography and three visual observers on the same day. These were done to compare the visual observers to each other and to the output of the digital photography. Of these hives, five were used as study hives (J3, J7, K1, K4, L6). The CCA1 data in the report originate from the visual observation data.

Allen
